

WHAT IS CLAIMED IS:

1. A terminal apparatus for decrypting encrypted data including content, comprising:
 - 5 providing part configured to providing terminal-side item information;
 - a first memory part configured to receive and store operational rule information corresponding to a combination of title key and reproduction object inherent information, the title key being uniquely determined in accordance with the content, and the reproduction object inherent information restricting a reproduction object of content and including item information;
 - 10 a second memory part configured to receive and store the encrypted content data encrypted based on encryption key information generated from the title key and the reproduction object inherent information;
 - 15 a decryption key generation unit configured to compare the item information with the terminal-side item information to judge a reproduction possibility of the encrypted content data, and generate a decryption key from the item information and the title key in accordance with the judgment, the item information being acquired from the operational rule information;
 - 20 and
 - 25 a decryption unit configured to decrypt the content data based on the decryption key information.

2. The terminal apparatus according to claim 1,
wherein the reproduction object inherent information
includes any one of a limit item concerning the
content, a restriction item restricting at least one of
the terminal apparatus and an item inherent to a user.

3. The terminal apparatus according to claim 1,
wherein the operational rule information contains a
flag indicative of the operational rule information
which is independent on the reproduction object
inherent information.

4. A terminal for decrypting encrypted data including content, comprising:

providing part configured to provide terminal-side item information;

15 . a first memory part configured to receive and store operational rule information corresponding to a combination of title key and encrypted keyword information, the title key being uniquely determined in accordance with the content, and the encrypted keyword information being encrypted based on reproduction object inherent information restricting a reproduction object of content and including item information;

20 a second memory part configured to receive and store the encrypted content data encrypted based on encryption key information generated from the title key and the reproduction object inherent information;

25 a decryption key generation unit configured to

compare the key word information with the terminal-side item information to judge a reproduction possibility of the encrypted content data, and generate a decryption key from the item information and the title key in accordance with the judgment, the key word information being acquired from the operational rule information; and

5 a decryption unit configured to decrypt the content data based on the decryption key information.

10 5. The terminal apparatus according to claim 4, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent 15 to a user.

15 6. The terminal apparatus according to claim 4, wherein the operational rule information includes a flag indicative of the operational rule information which is independent on the reproduction object inherent information.

20 7. An encryption apparatus for encrypting content data, comprising:

25 a receiving portion configured to receive terminal-side item information from the outside of the apparatus;

a first generation portion configured to acquire a title key which is uniquely determined in accordance

with each content and the terminal-side item information and generates reproduction object inherent information which restricts a reproduction object of content;

5 a second generation portion configured to generate an encryption key information based on the title key and the reproduction object inherent information;

10 an encryption portion configured to encrypt the content data with utilizing the encryption key information to generate a encryption content file; and

15 an output portion configured to generate an operational rule information file including the title key, and the reproduction object inherent information and outputs the operational rule information file.

20 8. The terminal apparatus according to claim 7, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent to a user.

25 9. An encryption apparatus according to claim 7, wherein a flag indicative of the encryption key information which is independent on the reproduction object inherent information is provided in the operational rule information file.

30 10. An encryption apparatus for encrypting content data, comprising:

a receiving portion configured to receive terminal-side item information from the outside of the apparatus;

5 a first generation portion configured to acquire a title key which is uniquely determined in accordance with each content and the terminal-side item information and generates reproduction object inherent information which restricts a reproduction object of content;

10 a second generation portion configured to generate encryption key information based on the title key and the reproduction object inherent information, and generates encrypted keyword information obtained by encrypting the encryption key information based on the reproduction object inherent information;

15 an encryption portion configured to encrypt the content data with utilizing the encryption key information to generate a encrypted content file; and

20 an output portion configured to generate an operational rule information file including the title key, and the encrypted keyword information.

25 11. The terminal apparatus according to claim 10, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent to a user.

12. The encryption apparatus according to
claim 10, wherein a flag indicative of the encryption
key information which is independent on the reproduc-
tion object inherent information is provided in the
operational rule information.

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13. A method of decrypting encrypted data
including content, comprising:

preparing terminal-side item information;
receiving and storing operational rule information
corresponding to a combination of title key and
10 reproduction object inherent information, the title key
being uniquely determined in accordance with the
content, and the reproduction object inherent
information restricting a reproduction object of
information restricting a reproduction object of
content and including item information;

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receiving and storing the encrypted content data
encrypted based on encryption key information
generated from the title key and the reproduction
object inherent information;

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comparing the item information with the terminal-
side item information to judge a reproduction
possibility of the encrypted content data, and
generating a decryption key from the item information
and the title key in accordance with the judgment, the
25 item information being acquired from the operational
rule information; and

decrypting the content data based on the

decryption key information.

14. The method according to claim 13, wherein
the reproduction object inherent information includes
any one of a limit item concerning the content, a
5 restriction item restricting at least one of the
terminal and an item inherent to a user.

15. The method according to claim 13, wherein
the operational rule information contains a flag
indicative of the operational rule information which is
10 independent on the reproduction object inherent
information.

16. A method of decrypting encrypted data
including content, comprising:

15 providing terminal-side item information;
receiving and storing operational rule information
corresponding to a combination of title key and
encrypted keyword information, the title key being
uniquely determined in accordance with the content, and
the encrypted keyword information being encrypted based
20 on reproduction object inherent information restricting
a reproduction object of content and including item
information;

25 receiving and storing the encrypted content data
encrypted based to on encryption key information
generated from the title key and the reproduction
object inherent information;

comparing the key word information with the

terminal-side item information to judge a reproduction possibility of the encrypted content data, and generating a decryption key from the item information and the title key in accordance with the judgment, the
5 key word information being acquired from the operational rule information; and
decrypting the content data based on the decryption key information.

10 17. The method according to claim 16, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent to a user.

15 18. The method according to claim 16, wherein the operational rule information includes a flag indicative of the operational rule information which is independent on the reproduction object inherent information.

20 19. An encryption method of encrypting content data, comprising:

receiving terminal-side item information from the outside;
25 acquiring a title key which is uniquely determined in accordance with each content and the terminal-side item information and generating reproduction object inherent information which restricts a reproduction object of content;

generating an encryption key information based on the title key and the reproduction object inherent information;

5 encrypting the content data with utilizing the encryption key information to generate a encryption content file; and

10 generating a operational rule information file including the title key, and the reproduction object inherent information and outputs the operational rule information file.

15 20. The encryption method according to claim 19, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent to a user.

20 21. The encryption method according to claim 19, wherein a flag indicative of the encryption key information which is independent on the reproduction object inherent information is provided in the operational rule information file.

22. An encryption method of encrypting content data, comprising:

25 receiving terminal-side item information from the outside;

acquiring a title key which is uniquely determined in accordance with each content and the terminal-side

item information and generating reproduction object inherent information which restricts a reproduction object of content;

5 generating encryption key information based on the title key and the reproduction object inherent information, and generating encrypted keyword information obtained by encrypting the encryption key information based on the reproduction inherent information;

10 encrypting the content data with utilizing the encryption key information; and

generating an operational rule information file including the title key, and the encrypted keyword information and outputting the operational rule information file.

15 23. The encryption method according to claim 22, wherein the reproduction object inherent information includes any one of a limit item concerning a reproduction content, a restriction item which restricts the terminal apparatus and an item inherent to a user.

20 24. The encryption method according to claim 23, wherein a flag indicative of the encryption key information which is independent on the reproduction object inherent information is provided in the operational rule information file.

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